

PHARMACEUTICAL PREPARATION FORMED BY DISSOLVING SLIGHTLY SOLUBLE MEDICAMENT IN WATER

Publication number: JP2001048807 (A)

Publication date: 2001-02-20

Inventor(s): SUZUKI SHUICHI; OGAWA HIROYUKI; TAKEUCHI MASASHI +

Applicant(s): WAKAMOTO PHARMA CO LTD +

Classification:

- International: A61K31/4709; A61K31/496; A61K31/519; A61K31/538; A61K31/5383; A61K47/22; A61K47/32; A61K47/34; A61K47/36; A61K47/38; A61K9/08; A61P25/02; A61P31/04; A61P31/10; A61P31/12; A61P5/38; A61P7/02; C07D215/56; C07D403/04; C07D487/04; C07D498/06; A61K31/4709; A61K31/496; A61K31/519; A61K31/5375; A61K47/22; A61K47/32; A61K47/34; A61K47/36; A61K47/38; A61K9/08; A61P25/00; A61P31/00; A61P5/00; A61P7/00; C07D215/00; C07D403/00; C07D487/00; C07D498/00; (IPC1-7): A61K31/4709; A61K31/496; A61K31/519; A61K31/538; A61K31/5383; A61K47/22; A61K47/32; A61K47/34; A61K47/36; A61K47/38; A61K9/08; A61P25/02; A61P31/04; A61P31/10; A61P31/12; A61P5/38; A61P7/02; C07D215/56; C07D403/04; C07D487/04; C07D498/06

- European:

Application number: JP19990220912 19990804

Priority number(s): JP19990220912 19990804

Abstract of JP 2001048807 (A)

PROBLEM TO BE SOLVED: To obtain an aqueous pharmaceutical preparation making it possible to dissolve a slightly insoluble medicament in approximately neutral water without generating crystals and foreign particles, and excellent in storage stability, by adding the slightly soluble medicament, acetyl tryptophan (or its salt) or the like, polyethylene glycol and a water-soluble polymer. SOLUTION: This aqueous pharmaceutical preparation contains (A) one or more kinds of slightly soluble medicaments selected from dipyrindamole, norfloxacin, ofloxacin and lomefloxacin hydrochloride [having a concentration for application, preferably, in a range of 0.005-0.1% (W/V)], (B) acetyl tryptophan (or its salt) and/or saccharin (or its salt) [having a concentration for application, preferably, of 0.01-20% (W/V)], (C) polyethylene glycol [having a concentration for application, preferably, of 0.1-10% (W/V)], and (D) a water-soluble polymer, such as methylcellulose and hydroxypropylmethylcellulose [having such a concentration, preferably, as to attain a viscosity of 2-100 mPa.s], and further has a pH in the range of 5.5-10.0, preferably 5.5-8.0.

.....
Data supplied from the [espacenet](#) database — Worldwide